Dell ThinOS 2308

Third Party Licenses

October 2023
Rev. A00

Notes, cautions, and warnings

NOTE: A NOTE indicates important information that helps you make better use of your product.

CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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Dell ThinOS 2308 Third Party Licenses

The table provides the details about third party licenses for Wyse ThinOS 2308.

Table 1. Third Party component names and license types

Component name	License type
@babel/core 7.9.6	MIT
@babel/eslint-parser 7.17.0	MIT
@babel/plugin-proposal-class-properties 7.8.3	MIT
@babel/plugin-transform-arrow-functions 7.16.7	MIT
@babel/plugin-transform-runtime 7.5.5	MIT
@babel/polyfill 7.12.1	MIT
@babel/preset-env 7.9.6	MIT
@babel/register 7.9.0	MIT
@babel/runtime 7.16.0	MIT
@electron/remote 2.0.9	MIT
@mapbox/stylelint 0.4.0	MIT
@panter/vue-i18next 0.15.2	MIT
@popperjs/core 2.11.8	MIT
@scoped/underscore 1.3.1	MIT
@tootallnate/once 3.0.0	MIT
@types/chai 4.3.0	MIT
@types/chai-subset 1.3.3	MIT
@types/chalk: 0.4.31	MIT
@types/clone: 0.1.30	MIT
@types/cssbeautify 0.3.2	MIT
@types/debug 4.1.7	MIT
@types/doctrine 0.0.1	Apache License, Version 2.0
@types/escodegen 0.0.2	3-clause BSD license
@types/estree 0.0.34	MIT
@types/ip 1.1.0	MIT
@types/mocha 5.2.6	MIT
@types/netmask 1.0.30	MIT
@types/node 12.12.11	MIT
@types/parse5 2.2.34	MIT
@typescript-eslint/eslint-plugin 5.23.0	2-clause BSD license
@typescript-eslint/parser 5.23.0	2-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
@vue/babel-helper-vue-jsx-merge-props 1.0.0	MIT
@vue/babel-plugin-transform-vue-jsx 1.1.2	MIT
0-dns 1.0.0	MIT
abbrev 1.1.1	MIT
abstract-socket 2.1.0	MIT
acl/libacl 2.2.48	LGPL
acorn 8.10.0	MIT
acorn-jsx: 3.0.1	MIT
acorn-walk 8.2.0	MIT
acpi_lpit 1.0.0.0	2-clause BSD license
acpi_spmc 1.0.0.0	2-clause BSD license
Acpica 20180508	3-clause BSD license
adblockparser 0.7	MIT
addyosmani-google-signin 2.0.0	Apache-2.0
adwaita-icon-theme 3.28.0	LGPL-v3.0
agent-base 6.0.2	MIT
agentkeepalive 3.5.2	MIT
ajv 4.11.8	MIT
ajv 5.2.3	MIT
ajv-keywords 2.1.1	MIT
alexei-sprintf.js 1.0.3	3-clause BSD license
alex-seville-blanket 1.1.5	MIT
alsa-lib 1.2.1.2	LGPL v2.1
alsa-plugins 1.2.1	LGPLv2.1 & GPLv2+
amdefine 1.0.1	BSD
angle master	3-clause BSD license
angular-angular.js 1.6.5	MIT
angular-ui-bootstrap 0.11.0	MIT
ans1 0.2.6	MIT
ansi-align 2.0.0	MIT
ansicolors 0.3.2	MIT
ansi-escapes 3.2.0	MIT
ansi-styles 3.2.1	MIT
Apexcharts 3.23.1	MIT
appcompat-v7 26.1.0	3-clause BSD license
app-route 1.0.1	3-clause BSD license
apr 1.6.3	Apache- 2.0

Table 1. Third Party component names and license types (continued)

Component name	License type
are-we-there-yet 2.0.0	ISC
argparse 1.2.1	Python License
array-back 1.0.4	MIT
array-union 1.0.2	MIT
array-uniq 1.0.3	MIT
arrify 1.0.1	MIT
asap 2.0.6	MIT
asn1 0.2.6	MIT
asn1.js 4.10.1	MIT
asn1.js-rfc5280 1.2.2	MIT
asn1 0.2.3	MIT
Aspell 0.60.6.1	LGPL
assert 1.5.0	MIT
assert-plus 1.0.0	MIT
Assimp 4.1.0	3-clause BSD license
asynckit 0.4.0	MIT
async-validator 1.8.5	MIT
atk 2.34.1	LGPLv2+
atkmm 2.24.2	LGPLv2.1 & GPLv2
at-spi2-atk 2.34.1	LGPLv2
at-spi2-core 2.34.0	LGPLv2
attr 2.4.48	LGPLv2.1+ & GPLv2+
autoprefixer 9.7.6	MIT
avahi 0.7	LGPLv2.1
aws4 1.11.0	MIT
aws-sign2 0.7.0	Apache License, Version 2.0
axe 3.0.0	Mozilla Public License 2.0
axios 1.4.0	MIT
b64.c 0.00.00B	MIT
babel-code-frame 6.26.0	MIT
babel- core 6.22.1	MIT
babel-eslint 8.2.6	MIT
babel-helper-vue-jsx-merge-props 2.0.3	MIT
babel-loader 8.2.4	MIT
babel-plugin-add-module-exports 1.0.4	MIT
babel-plugin-component 1.1.1	MIT
babel-plugin-dynamic-import- node 1.2.0	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
babel-plugin-istanbul 6.1.1	3-clause BSD license
babel-plugin-syntax- jsx 6.18.0	MIT
babel-plugin-transform-es2015-modules- commonjs 6.26.0	MIT
babel-plugin-transform-runtime 6.22.0	MIT
babel-plugin-transform-vue-jsx 3.5.0	MIT
babel-polyfill 6.26.0	MIT
babel-preset- env 1.3.2	MIT
babel-preset-stage-2 6.22.0	MIT
babel-register6.22.0	MIT
Babeltrace 1.5.6	MIT
balanced-match: 1.0.0	MIT
base64-js 1.3.0	MIT
bash 4.4	GNU GENERAL PUBLIC LICENSE Version 3
bcrypt-pbkdf 1.0.2	BSD-3-Clause
beautifulsoup4 4.3.2	MIT
benchmark 1.0.0	MIT
bestiejs-punycode.js 7.0.0	MIT
bidichecker master	3-clause BSD license
Bind 9.11.5- P4	ISC
bindings 1.5.0	MIT
bin-links 1.1.8	Artistic- 2.0
bitbake 1.40	GPLv2
bl 1.2.2	MIT
bluebird 3.7.2	MIT
bluebird.core 3.5.0	MIT
Bluetooth audio system N/A	2-clause BSD license
Bluez 5.65	GPL 2.0
bmake 20181221	3-clause BSD license
bn.js 4.11.8	MIT
board-2.bin 3.0	3-clause BSD license
boom 5.2.0	3-clause BSD license
boost 1.74.0	Boost Software License v- 1.0
boostorg-build 4.3.0	Boost Software License - Version 1.0
bootstrap 2.2.2	Apache License, Version 2.0
bootstrap-responsive 2.2.2	Apache License, Version 2.0
boto 2.49.0	MIT
boxen 1.3.0	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
brace-expansion 1.1.8	MIT
breakpad master	3-clause BSD license
breakpad(for Libchromium) master	3-clause BSD license
brorand 1.1.0	MIT
browserify-aes 1.2.0	MIT
browserify-cipher 1.0.1	MIT
browserify-commonjs-assert v2.0.0	MIT
browserify-rsa 4.0.1	MIT
browserify-sign 4.0.4	ISC
browserify-zlib 0.2.0	MIT
buffer 4.9.1	MIT
bufferutil 4.0.1	MIT
buffer-xor 1.0.3	MIT
buildtools master	3-clause BSD license
builtin-modules: 1.1.1	MIT
builtins: 1.0.3	MIT
builtin-status-codes 3.0.0	MIT
bzip2 1.0.8	bzip2 license
c- ares 1.18.1	c-ares license
cacache 10.0.4	MIT
cairo 1.16.0	LGPLv2.1
Cairomm 1.12.0	LGPLv2
caller-path 0.1.0	MIT
call-limit 1.1.1	MIT
camelcase 4.1.0	MIT
canisters- fips 2.0.6	OpenSSL
canisters-fips-master master	OpenSSL
capture-stack-trace 1.0.1	MIT
carhartl-jquery-cookie 1.4.0	MIT
carrier 1.28-SNAPSHOT 1.28- SNAPSHOT	Apache License, Version 2.0
caseless 0.12.0	Apache License, Version 2.0
catapult master	3-clause BSD license
catapult-project-catapult NA	3-clause BSD license
ccid 1.5.2	LGPL v2.1
ced master	Apache License, Version 2.0
chalk 4.1.0	MIT
chardet 0.4.2	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
child-process-ext 2.1.1	ISC
chownr 1.1.4	MIT
ChromeDebug 613ec9be4615f8bd9cc7e8e18	3-clause BSD license
chrome-devtools-frontend eb375f3b31a67df908c93a827dd9e78d3212be6 0	3-clause BSD License
chrome-devtools-frontend-npm N/A	MIT
chromedriver 2.27.2	Apache License, Version 2.0
chromite master	3-clause BSD license
cidr-regex 1.0.6	MIT
cipher-base 1.0.4	MIT
circular-json 0.3.3	3-Clause BSD license
cjson 1.7.13	MIT
cJSON.h 1.0.0	MIT
clang_format 0653eee0c81ea04715c635dd0885e8096ff6ba6 d	Apache License, Version 2.0
cld_3 master	Apache License
cli-boxes 1.0.0	MIT
cli-cursor 2.1.0	MIT
cli-table2 0.2.0	MIT
cli-width 2.2.1	ISC
clone 2.1.2	MIT
cmake 3.22.3	3-clause BSD license
cmd-shim 2.0.2	2-clause BSD license
Co 4.6.0	MIT
cobra 1.4.0	Apache License, Version 2.0
codemirror-codemirror 5.31.1	MIT
code-point-at 1.1.0	MIT
collect-all 1.0.4	MIT
collect-json 1.0.8	MIT
colorama master	3-clause BSD license
color-convert 1.9.1	MIT
color-name 1.1.4	MIT
colors 1.4.0	MIT
columnify 1.5.4	MIT
column-layout 2.1.4	MIT
combined-stream 1.0.8	MIT
commander 2.9.0	MIT
command-line-args 3.0.5	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
command-line-usage 3.0.8	MIT
common-build 1.0-SNAPSHOT 1.0- SNAPSHOT	Apache License, Version 2.0
commons-fileupload 1.2 1.2	Apache License, Version 2.0
compatibility-more-protos 2.5.0	3-clause BSD license
compatibility-test-suite 2.5.0	3-clause BSD license
concat- map 0.0.1	MIT
concat-stream 1.6.2	MIT
config-chain 1.1.12	MIT
configstore 3.1.5	2-clause BSD license
conformance-suites 2.0.0	MIT
console-browserify 1.2.0	MIT
console-control-strings 1.1.0	ISC
console-tools 0.3.2	GPL
constellation-escope 3.6.0	2-clause BSD license
copy-concurrently 1.0.5	ISC
copy-webpack-plugin 10.2.4	MIT
core-focusable Polymer/core- focusable 0.5	3-clause BSD license
core-icon-button Polymer/core- icon- button 0.5	3-clause BSD license
core-js 2.6.12	MIT
core-resizable Polymer/core- resizable# 0.5	3-clause BSD license
core-tooltip 0.5.5	3-clause BSD license
core-util-is 1.0.3	MIT
Coverage 4.0.3	Apache License, Version 2.0
covert 1.1.1	MIT
cowboy-jquery-hashchange 1.3	MIT
cpp-build 1.0-SNAPSHOT 1.0- SNAPSHOT	Apache License, Version 2.0
cpx 1.5.0	MIT
craigcitro-apitools 0.5.4	Apache License, Version 2.0
crashpad master	Apache License, Version 2.0
Crcmod 1.7	MIT
Crda 3.18	ISC
create-error-class 3.0.2	MIT
create-hmac 1.1.7	MIT
crisper 2.0.2	BSD
cross-spawn 5.1.0	MIT
cross-spawn-async 2.2.5	MIT
Cryptiles 3.1.4	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
crypto-browserify 3.12.0	MIT
crypto-random-string 1.0.0	MIT
cssbeautify 0.3.1	MIT
css-loader 6.7.1	MIT
css-minimizer-webpack-plugin 1.3.0	MIT
csv-parse 4.12.0	MIT
cunit 2.1-3	LGPL- 2.0
Cups 2.3.3	Apache License, Version 2.0
cupsd 2.3.3	Apache License, Version 2.0
cups-filters 1.28.6_1	gpl- 2
curl 8.1.2	Curl License
Customelements 0.7.24	3-clause BSD license
cyclist 0.2.2	MIT
cyrusimap-cyrus-sasl 2.1.27	3-clause BSD license
cyrus-sasl-2.1.28 2.1.28	4-clause BSD license
d 1.0.1	ISC
d3 4.11.0	3-clause BSD license
dash 0.5.12	GPL 2.0
dashdash 1.14.1	MIT
data-tools 1.0-SNAPSHOT 1.0- SNAPSHOT	3-clause BSD license
dbus 1.12.24	Academic Free License v2.1
dbus-glib 0.110	GPLv2
dbus-native 0.4.0	MIT
dconf 0.36	LGPL- 2.1
Debug 4.3.2	MIT
debuglog 1.0.1	MIT
decamelize 1.2.0	MIT
decode-uri-component: 0.2.0	MIT
deep-extend 0.4.2	MIT
deep-is 0.1.4	MIT
deepmerge 1.5.2	MIT
defaults 1.0.3	MIT
degenerator 3.0.1	MIT
dejavu-fonts 2.37	MIT
del 2.2.2	MIT
delayed-stream 1.0.0	MIT
delegates 1.0.0	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
demo 7.2.8-SNAPSHOT 7.2.8- SNAPSHOT	3-clause BSD license
depot 0.1.6	MIT
depot_tools 3.1.11	3-clause BSD license
deqp 1.0	Apache License
Design 26.1.0	Apache License, Version 2.0
detect-indent 5.0.0	MIT
devtools-backend 1.0.0	3-clause BSD license
dezalgo 1.0.3	ISC
diffie-hellman 5.0.3	MIT
dmic audio v5.14- rc1	3-clause BSD license
doctrine 2.1.0	2-clause BSD license
dojo 1.6.1	Academic Free License - v.2.1
dom5 2.3.0	BSD
dos2unix 7.4.0	2-clause BSD license
dotenv 4.0.0	BSD
dot-prop 4.2.1	MIT
dpranke-typ 0.11.0	Apache License, Version 2.0
drm 6.0	MIT
duplexer 0.1.1	MIT
duplexer3 0.1.4	BSD
duplexify 3.7.1	MIT
e1000 13	3-clause BSD license
e2fsprogs-libuuid 1.47.0	3-clause BSD license
easymock 2.2	MIT
easymockclassextension 2.2.1	MIT
easy-rsa 3.1.0_3	GPLv2
ecc-jsbn 0.1.2	MIT
echarts 5.4.3	Apache License, Version 2.0
eclint 2.8.1	MIT
editor 1.0.0	MIT
edk2 stable 202111	2-clause BSD license
electron-rebuild 1.8.2	MIT
electron-test 0.1.0	MIT
element-theme 2.0.1	MIT
element-theme-chalk 2.13.2	MIT
element-ui 2.15.12	MIT
elfutils 0.177	GPLv3

Table 1. Third Party component names and license types (continued)

Component name	License type
elliptic 6.5.0	MIT
ember 2.14.1	MIT
ember-cli-shims 0.1.3	MIT
ember-cli-test-loader 0.2.2	MIT
ember-qunit-notifications 0.1.0	MIT
Enchant 2.2.15	GNU LESSER GENERAL PUBLIC LICENSE- v2.1
encoding 0.1.13	MIT
end-of-stream 1.4.4	MIT
enum34 1.1.6	3-clause BSD license
err-code 1.1.2	MIT
Errno 0.1.8	MIT
error-ex 1.3.2	MIT
es5-ext 0.10.53	ISC
es5-shim 2.0.0	MIT
es6-iterator 2.0.3	MIT
es6-map 0.1.5	MIT
es6-promise 4.2.8	MIT
es6-promisify 5.0.0	MIT
es6-set 0.1.5	MIT
es6-symbol 3.1.3	ISC
es6-weak-map 2.0.2	MIT
escape-string-regexp 1.0.5	MIT
Escodegen 1.14.3	2-clause BSD license
escope 3.6.0	BSD
eslint 8.15.0	MIT
eslint-config-airbnb 19.0.4	MIT
eslint-config-google 0.6.0	Apache License, Version 2.0
eslint-config-integromat 1.5.0	Apache License, Version 2.0
eslint-config-prettier 8.5.0	MIT
eslint-config-standard 16.0.3	MIT
eslint-friendly-formatter 3.0.0	MIT
eslint-import-resolver-typescript 2.7.1	MIT
eslint-loader 1.7.1	MIT
eslint-plugin-html 2.0.3	MIT
eslint-plugin-import 2.22.0	MIT
eslint-plugin-jsx- a11y 6.2.1	MIT
eslint-plugin- node 5.2.0	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
eslint-plugin-promise 3.4.0	ISC
eslint-plugin-react 7.12.4	MIT
eslint-plugin-standard 3.0.1	MIT
eslint-plugin- vue 8.5.0	MIT
eslint-scope 3.7.3	3-clause BSD license
eslint-webpack-plugin 3.1.1	MIT
espree 3.5.4	2-clause BSD license
esprima 4.0.1	BSD
Esquery 1.4.0	3-clause BSD license
Esrecurse 4.3.0	2-clause BSD license
es-shims-es5-shim 4.5.14	MIT
estraverse 4.3.0	2-clause BSD license
esutils 2.0.3	3-clause BSD license
eudev 3.2.7	GPLv2
event-emitter 0.3.5	MIT
events 3.0.0	MIT
event-stream 4.0.1	MIT
evp_bytestokey 1.0.3	MIT
execa 0.7.0	MIT
exit-hook 1.1.1	MIT
expat 2.4.3	MIT
express 4.17.1	MIT
expressjs-cors 1.11.3	MIT
extend 3.0.2	MIT
external-editor 2.2.0	MIT
extract-text-webpack-plugin 3.0.0	MIT
Extsprintf 1.4.1	MIT
fake-indexeddb 3.1.7	Apache License, Version 2.0
FAMFAMFAM Silk Icons 1.3	CC Attribution 2.5
fast-deep-equal 1.1.0	MIT
fast-json-stable-stringify 2.1.0	MIT
fast-levenshtein 2.0.6	MIT
feature-detect-es6 1.5.0	MIT
fezvrasta-popper.js 1.14.3	MIT
ffmpeg 4.4	GPL- v2
ffmpeg 44f90ded0cc16a55a7be327470867abaa284c16	COPYING.GPLv2
FFmpeg/commit/3a2d21bc5f97aa0161db3ae73 1fc2732be6108b8.patch N/a	FreeBSD License

Table 1. Third Party component names and license types (continued)

Component name	License type
FFmpeg/commit/cced03dd667a5df6df8fd40d8 de0bff477ee02e8.patch N/a	FreeBSD License
FFmpeg/commit/fa19fbcf712a6a6cc5a5cfdc3 254a97b9bce6582.patch N/a	FreeBSD License
figures 2.0.0	MIT
file 5.38	2-clause BSD license
file/commit/46a8443f76cec4b41ec736eca39 6984c74664f84.patch N/a	3-clause BSD license
file-entry-cache 2.0.0	MIT
file-type 17.1.1	MIT
file-uri-to-path 1.0.0	MIT
find-npm-prefix 1.0.2	ISC
find-replace 1.0.3	MIT
find-up 2.1.0	MIT
firmware-6.bin 3.0	3-clause BSD license
flac 1.3.3	BSD
flac(Libchromium lib) 1.3.1	LGPL v2.1
flatbuffers 1.6.0	Apache License, version 2.0
flatbuffers-java 1.6.0-SNAPSHOT 1.6.0- SNAPSHOT	Apache License, Version 2.0
flat-cache 1.3.4	MIT
flot 0.8.3	MIT
fluent-bit 1.0.4	Apache- 2.0
flush-write-stream 1.1.1	MIT
font N/A	Apache License, Version 2.0
font-awesome master	SIL Open Font License (OFL)
fontconfig 2.13.1	MIT
font-roboto 1.0.3	2-clause BSD license
font-roboto PolymerElements/font- roboto 1.0.0	3-clause BSD license
foo2zjs 20161203_1	GPLv2
foomatic-db 20201029	GPLv2
foomatic-db-engine 4.0.13,2	GPLv2
foomatic-db-hpijs 1.4	GPLv2
foomatic-filters 4.0.17_9	GPLv2
forever-agent 0.6.1	Apache License, Version 2.0
forked-underscore 1.5.1	MIT
form-data 4.0.0	MIT
fp 9f5c14a385bb08a77922e3982	MIT
freeBSD 12.0	4-clause BSD

Table 1. Third Party component names and license types (continued)

Component name	License type
FreeBSD OS 12.0	BSD license
freebsd/pkg 1.15.10	2-clause BSD license
freebsd/sys/compat/linuxkpi/ 12.1	2-clause BSD license
freebsd/sys/compat/linuxkpi/common/incl ude/linux/ interrupt.h 12.0	3-clause BSD license
FreeRDP 2.10.0	Apache License, Version 2.0
freetype 9.0	FTL
freetype2 2.10.4	GPLv2
Freezegun 1.1.0	Apache License, Version 2.0
fribidi 1.0.9	LGPLv2.1
from 0.1.7	MIT
from2 2.3.0	MIT
fs.realpath 1.0.0	ISC
fstream 1.0.12	ISC
fs-vacuum 1.2.10	ISC
fs-write-stream-atomic 1.0.10	ISC
funcsigs 1.0.2	Apache License, Version 2.0
functional-red-black-tree 1.0.1	MIT
fusefs-libs 2.9.9_2	LGPL v2.1
future 0.15.2	MIT
futures 3.0.5	2-clause BSD license
gauge 2.7.4	ISC
gawk 4.2.1	GPLv3
gax-google-logging-v2 0.8.1	Apache License, Version 2.0
gax-google-pubsub-v1 0.8.1	Apache License, Version 2.0
gcc-8.5.0/libgcc runtime 8.5.0	LGPL v2.1
gcc-8.5.0/libstdc++-v3 runtime 8.5.0	LGPL v2.1
gcc-9.3.0/libstdc++-v3 9.3.0	LGPL v2.1
gcc-runtime 9.5.0	LGPL v2.1
Gcr 3.28.0	LGPL- 2
gcs-oauth2-boto-plugin 1.14	Apache License, Version 2.0
gdk-pixbuf 2.40.0	LGPLv2
generate-function 2.3.1	MIT
generate-object-property 1.2.0	MIT
generators 1.0.0	MIT
genfun 4.0.1	MIT
gentle-fs 2.3.1	Artistic License 2.0
geocoder 2.38- SNAPSHOT	Apache License, Version 2.0

Table 1. Third Party component names and license types (continued)

Component name	License type
gerhobbelt-excanvas master	Apache License, Version 2.0
get-caller-file 1.0.3	ISC
getpass 0.1.7	MIT
get-stream 3.0.0	MIT
gettext-runtime 0.21.1	LGPL v2.1
get-uri 3.0.2	MIT
ghostpdl-ghostscript 9.06	GPLV3
ghostscript9-agpl- base 9.55.0_1	AGPLv3 (GNU Affero General Public License version 3).
Git-2.39.0-64-bit.exe 2.39.0	GPL v2
gitdb2 2.0.0	3-clause BSD license
glib 2.58.0	LGPLv2
glib-2.0 2.74.4	LGPL v2.1
glibc 2.29	LGPLv2
glibc/math 2.31	LGPLv2.1
glibc-locale 2.29	LGPLv2
glibmm 2.56.0- 1	GNU GENERAL PUBLIC LICENSE Version 2
glib-networking 2.62.4	LGPLv2.1
glslang 1.3.204.1	3-clause BSD license, 2-clause BSD license, MIT, Apache License, Version 2.0, GPL-3-with-bison-exception
glmark2 0c90dd48df43a6b0db1d9aabc	GPL- v3
gl-matrix 2.3.2	MIT
Glob 7.2.0	ISC
globals 11.12.0	MIT
globby 5.0.0	MIT
gmmlib 22.3.3	MIT
Gmock 1.7.0	3-clause BSD license
gmp 6.2.0	LGPLv3
gnome-keyring 3.28.0.2	LGPL-v2.1,GPL- v2
gnome-libxml2 2.9.8	MIT
gnome-themes-standard 3.22.3	LGPL- 2.1
gnutls 3.6.14	LGPLv2.1
google-api-python-client 2.34.0	Apache License, Version 2.0
googleapis-common-protos 1.3.3	Apache License, Version 2.0
GoogleAppEngineCloudStorageClient 1.9.22.1	Apache License, Version 2.0
googlearchive / paper-menu 1.0.0	3-clause BSD license
Googleblog ee040fccc6ee54984fcb472f9	MIT
google-flatbuffers 1.12.0	Apache License, Version 2.0
google-gax 0.12.5	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
google-googletest 1.8.0	3-clause BSD license
google-oauth2client 2.2.0	Apache License, Version 2.0
google-protobuf 3.3.2	3-clause BSD license
google-signin 2.0.0	Apache License, Version 2.0
GoogleWebComponents/google-apis 2.0.0	Apache License, Version 2.0
got 6.7.1	MIT
gpu driver drm 3.6	MIT
GPU driver (drm/i915) 5.15	MIT,BSD-2-Clause
graceful-fs 4.2.9	ISC
graceful-readlink 1.0.1	MIT
Gradle 3.0.0- beta2	Apache License, Version 2.0
graphite 1.3.14	LGPL
grep 3.1	GPLv3
grpc-google-logging-v2 0.8.1	Apache License, Version 2.0
grpc-google-pubsub-v1 0.8.1	Apache License, Version 2.0
gsettings-desktop-schemas 3.36.0	LGPLv2.1
gson 2.7	Apache License, Version 2.0
gst-plugins-bad 1.16.3	LGPL 2.0
gst-plugins-good 1.16.3	LGPL- v2.1
gst-plugins-ugly 1.16.3	LGPL- v2
Gstreamer 1.16.3	GNU LIBRARY GENERAL PUBLIC LICENSE Version 2
gstreamer1.0 1.20.4	GNU LESSER GENERAL PUBLIC LICENSE Version 2.1
gstreamer1.0-plugins-base 1.20.4	GNU LESSER GENERAL PUBLIC LICENSE Version 2.1
gstreamer1.0-plugins-good 1.20.4	GNU LESSER GENERAL PUBLIC LICENSE Version 2.1
gstreamer1.0-plugins-bad 1.20.4	LGPLv2.1
gstreamer1.0-plugins-base 1.14.4	LGPLv2
Gsutil 4.54	Apache License, Version 2.0
gtk+3 3.24.14	LGPLv2
Gtkglext 1.2.0	LGPLv2.1
gtkmm3 3.22.2	LGPLv2.1
guava-gwt 18.0	Apache License Version 2.0
gutenprint-gutenprint 5.3.3	GPL- V2
Gyp 0.1	MIT
gyp master	3-clause BSD license
harfbuzz 1.8.8	MIT
har-validator 5.1.3	MIT
has-ansi 2.0.0	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
has-flag 2.0.0	MIT
hash.js 1.1.7	MIT
hash-base 3.0.4	MIT
has-symbols 1.0.0	MIT
has-unicode 2.0.1	ISC
hawk 6.0.2	3-clause BSD license
hcidump 1.5.1	GPL
heimdal 7.8.0	3-clause BSD license
highlight 9.12.0	3-clause BSD license
hmac-drbg 1.0.1	MIT
Hoek 4.2.1	3-clause BSD license
hosted-git-info 2.8.9	ISC
hp2xx 3.4.4_8	GPLv2
Hplip 3.20.6	GPLV2
HTMLImports 0.7.24	3-clause BSD license
html-webpack-plugin 5.2.0	MIT
htop 2.2.0_1	GPL
http-cache-semantics 3.8.1	2-clause BSD license
http-https 1.0.0	ISC
httplib2 0.20.2	MIT
httplib2-httplib2 0.18.1	MIT
httpntlm 1.8.13	MIT
http-proxy-agent 4.0.1	MIT
Httpretty 1.1.4	MIT
https://www.sqlite.org/src/vpatch?from=4f5b2d938194fab7&to=98357d8c1263920b N/a	FreeBSD License
https-browserify 1.0.0	MIT
http-signature 1.2.0	MIT
https-proxy-agent 5.0.0	MIT
humanize-ms 1.2.1	MIT
hydrolysis 1.25.0	3-clause BSD license
i18next 23.4.4	MIT
i18next-fetch-backend 5.0.2	MIT
i18next-sync-fs-backend 1.1.1	MIT
i18next-xhr-backend 3.2.2	MIT
i915_pciids.h and drm_vma_manager.h 4.4	MIT
iconv- lite 0.4.24	MIT
icu 71.1	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
ieee754 1.1.13	3-Clause BSD License
iferr 0.1.5	MIT
ignore 3.3.10	MIT
ignore-walk 3.0.3	ISC
lichid 40c6475e1a0b0c869baabe193	2-clause BSD license
import-lazy 2.1.0	MIT
imurmurhash 0.1.4	MIT
indexinfo 0.3.1	BSD Clause 3
inflight 1.0.6	ISC
inherits 2.0.4	ISC
inherits 2.0.3	ISC
ini 3.0.1	MIT
init-package-json 1.10.3	ISC
inotify 0.0.1	MIT
inotify_simple 1.1.1	2-clause BSD license
inquirer 3.3.0	MIT
install 0.13.0	MIT
intel- media 21.3.5	MIT
intel-media-driver 23.1.0	3-clause BSD license AND MIT
intel-opencl-icd 21.36.20889- 1	MIT
intel-vaapi-driver 2.2.0	MIT
Interpret 1.4.0	MIT
invert- kv 1.0.0	MIT
ip 1.1.5	MIT
iperf3 3.7	3-clause BSD license
iproute2 4.15.0	GPL- v2
Iputils s20180629	3-clause BSD license
iron-a11y-announcer 1.0.5	3-clause BSD license
iron-a11y-keys 1.0.7	3-clause BSD license
iron-a11y-keys-behavior 1.1.9	3-clause BSD license
iron-autogrow-textarea 2.1.1	3-clause BSD license
iron-behaviors 1.0.17	3-clause BSD license
iron-checked-element-behavior 1.0.6	3-clause BSD license
iron-collapse 1.0.0	3-clause BSD license
iron-dropdown 2.1.0	3-clause BSD license
iron-fit-behavior 2.1.0	3-clause BSD license
iron-flex-layout 1.0.0	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
iron-form 2.0.0	3-clause BSD license
iron-form-element-behavior 1.0.7	3-clause BSD license
iron-icon 1.0.0	3-clause BSD license
iron-iconset-svg 1.0.0	3-clause BSD license
iron-image 1.2.0	3-clause BSD license
iron-jsonp-library 1.0.0	3-clause BSD license
iron-list 1.4.6	3-clause BSD license
iron-location PolymerElements/iron- location 2.0.3	3-clause BSD license
iron-media-query 2.0.0	3-clause BSD license
iron-menu-behavior 2.0.1	3-clause BSD license
iron-meta 1.1.2	3-clause BSD license
iron-overlay-behavior 1.0.0	3-clause BSD license
iron-pages 1.0.8	3-clause BSD license
iron-range-behavior 2.0.0	3-clause BSD license
iron-resizable-behavior 1.0.5	3-clause BSD license
iron-scroll-target-behavior 1.1.0	3-clause BSD license
iron-scroll-target-behavior PolymerElements/iron-scroll-target- behavior 2.0.0	3-clause BSD license
iron-scroll-threshold 2.0.0	3-clause BSD license
iron-selector 1.0.0	3-clause BSD license
iron-test-helpers 2.0.0	3-clause BSD license
iron-validatable-behavior 1.1.2	3-clause BSD license
is 3.3.0	MIT
isarray 1.0.0	MIT
is-arrayish 0.2.1	MIT
is-builtin-module 1.0.0	MIT
is-cidr 1.0.0	2-clause BSD license
isexe 2.0.0	ISC
is-fullwidth-code-point 2.0.0	MIT
is-my-json-valid 2.20.6	MIT
is-npm 1.0.0	MIT
is-path-cwd 1.0.0	MIT
is-path-in-cwd 1.0.1	MIT
is-path-inside 1.0.1	MIT
is-promise 2.2.2	MIT
is-property 1.0.2	MIT
is-redirect 1.0.0	MIT
is-resolvable 1.1.0	ISC

Table 1. Third Party component names and license types (continued)

Component name	License type
is-retry-allowed 1.2.0	MIT
is-stream 1.1.0	MIT
Istanbul 1.1.0-alpha.1	3-clause BSD license
is-typedarray 1.0.0	MIT
Iwlwifi 5.10.4	3-clause BSD license
iwlwifi-7265D-29.ucode 29	3-clause BSD license
iwlwifi-9000-pu-b0-jf-b0-46.ucode 46	3-clause BSD license
iwlwifi-QuZ-a0-hr-b0-71.ucode 71	3-clause BSD license
iwlwifi-QuZ-a0-jf-b0-59.ucode 59	3-clause BSD license
iwlwifi-so-a0-gf-a0.pnvm 1	3-clause BSD license
iwlwifi-so-a0-gf-a0-78.ucode 78	3-clause BSD license
iwlwifi-so-a0-hr-b0-71.ucode 71	3-clause BSD license
iwlwifi-ty-a0-gf-a0-74.ucode 74	3-clause BSD license
iwlwifi-ty-a0-gf-a0.pnvm 78	3-clause BSD license
iwlwifi-ty-a0-gf-a0-78.ucode 78	3-clause BSD license
jackson-core 2.4.3	Apache License, Version 2.0
Jansson 2.13.1	MIT
jashkenas-backbone 1.3.3	MIT
jashkenas-underscore 1.8.3	MIT
jasmine-jasmine 2.0.0	MIT
java-build 1.0- SNAPSHOT	Apache License, Version 2.0
Jbigkit 2.1	GPLv2
jbigkit-shared 2.1	GPL- V2
jedwatson-classnames 2.2.5	MIT
jest 24.9.0	MIT
jest-electron-runner 0.0.2	MIT
jest-environment-electron 0.0.1	MIT
jest-serializer- vue 0.3.0	MIT
jimhigson-oboe.js 2.1.3	2-clause BSD license
joyent-node-assert-plus v1.1.0	MIT
jpeg-turbo 2.0.6	3-clause BSD license
jQuery - NuGet 1.11.1	MIT
jquery 3.7.0	MIT
jquery i18n 1.0.1	MIT
jquery.colorhelpers 0.8.3	MIT
jquery.debounce 1.1	MIT
jquery.flot 0.7	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
jquery.i18n 1.1.2	MIT
jquery.json 2.2	MIT
jquery.tablesorter 3.7	BSD
jquery.treeview 1.4	MIT
jQuery1 1.11.3	MIT
Jquery-3.5.1 3.5.1	MIT
jquery-hashchange 1.3.0	MIT
jquery-i18n 1.0.1	GPL
Jqueryui 1.11.4	MIT
jrburke-requirejs 2.3.3	MIT
jsbn 0.1.1	MIT
jsdoc 3.5.5	MIT
json2 2	Public domain
json-c 0.13.1	MIT
json-glib 1.4.4	LGPLv2.1
jsonify 0.0.0	Public Domain
jsonparse 1.3.1	MIT
json-parse-better-errors 1.0.2	MIT
json-patch-test-suite 1.1.0	Apache License, Version 2.0
json-perl 2.97001	Artistic License 1.0
jsonpointer 4.1.0	MIT
Jsonschema 1.4.0	MIT
json-schema-traverse 0.3.1	MIT
json-stable-stringify 1.0.1	MIT
json-stable-stringify-without-jsonify 1.0.1	MIT
jsonstream 1.3.5	MIT
json-stringify-safe 5.0.1	ISC
Jsprim 1.4.2	MIT
Jsrender 0.9.78	MIT
js-tokens 3.0.2	MIT
js-yaml 3.14.1	MIT
jszip 3.5.0	MIT
Junit 4	Eclipse Public License
kennethreitz-requests 2.7.0	Apache License, Version 2.0
kernel/src/contrib/bzip2 BSD 12.0 / bzip2 1.0.6	4-clause BSD license
kernel/src/contrib/expat 2.2.0BSD12.0 / expat 2.2.0	MIT
kernel/src/contrib/file/* BSD 12.0	2-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
kernel/src/contrib/ntp/sntp/libevent BSD 12.0 / libevent 2.1.5	3-clause BSD license
kernel-modules/wireless/drivers/iwlwifi 2018	3-clause BSD license
kernel- modules/wireless/include/interrupt- ext.h 12.0	3-clause BSD license
Keysym 0.0.6	MIT
khronosgroup-vulkan- loaderandvalidationlayers 1.1.73.0	Apache License, Version 2.0
kislyuk-argcomplete 1.8.2	Apache License, Version 2.0
knockout-knockout 2.0.0	MIT
krb5 1.17.1	MIT
lame 3.100	LGPLv2
latest-version 3.1.0	MIT
layout-test-tidy 0.0.6	3-clause BSD license
lazy-property 1.0.0	MIT
lcid 1.0.0	MIT
Lcms 2.11	MIT
lcms2 2.11_1	MIT
ldap-filter 0.3.3	MIT
ldapjs-client 0.1.1	MIT
less 608	Less License
levn 0.3.0	MIT
Libarchive 3.4.3	2-clause BSD license
libasyncns 0.8	LGPL v2.1
libboost 1.79.0	Boost Software License - Version 1.0
Libbsd 0.9.1	ISC
libbz2 1.0.8	4-clause BSD license
libc++ 1.0	Apache License
libc++abi 1.0	Apache License
libcap 2.32	3-clause BSD license
libcap-ng 0.7.7	LGPL- v2.1
libchromiumcontent 3.1.11	LGPLv2.1
libcroco 0.6.13	LGPLv2.1
libcrypt-1.9.4 1.9.4	LGPL- v2.1
libdatrie 0.2.13	LGPL V2.1
libdrm 2.4.115	MIT
libedit 20191231- 3.1	3-clause BSD license
libepoxy 1.5.10	MIT
liberation-fonts-ttf 2.00.1	SIL Open Font License Version 1.1.
libevdev 1.8.0	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
libevent 2.1.12	3-clause BSD License
libevent/commit/329acc18a0768c21ba22522 f01a5c7f46cacc4d5.patch N/a	3-clause BSD license
libevent/commit/96f64a022014a208105ead6 c8a7066018449d86d.patch N/a	3-clause BSD license
libevent/commit/ec65c42052d95d2c23d1d83 7136d1cf1d9ecef9e.patch N/a	3-clause BSD license
libevent-libevent 1.4.15	3-clause BSD license
libexpat 2.4.8	MIT
libexpat-libexpat 2.2.0	MIT
libffi 3.4.4	MIT
libffi.so.7 3.3-4	MIT
libfontenc 1.1.4	MIT
libgcc 9.5.0	GPL-3.0-with-GCC-exception
Libgcrypt 1.10.1	LGPL- v2.1
Libglu 9.0.2	MIT
libglvnd 1.6.0	MIT
libgnome-keyring 3.12.0	LGPLv2.1
libgpg-error 1.46	LGPLv2.1
libgraphite2 1.3.11- 2	LGPL v2.1
libharfbuzz 2.6.4	MIT
libharfbuzz 2.6.4	MIT
libgudev 233	LGPLv2.1
libhiredis.so 0.14.1	3-clause BSD license
libICE 1.0.10	MIT
libiconv 1.14	GPLv3
libidn 1.38	GPLv2
libidn2 2.3.4	LGPLv3
libieee1284 0.2.11	GPLv2
Libigc 1.0.8517- 1	MIT
libigdgmm11 21.2.1- 1	MIT
liblz4 1.9.4.1	GPLV2
libinotify-kqueue 20180201	MIT
Libinput 1.11.3	MIT
libjpeg 8d 6b	The Independent JPEG Group's JPEG software
libjpeg-turbo 2.0.4	3-clause BSD License
liblouis 2.6.0	GPLv3
Libmnl 1.0.4	LGPL- v2.1

Table 1. Third Party component names and license types (continued)

Component name	License type
libmtp 1.1.16	LGPL
libnghttp2 1.49.0	MIT
libnl 3.5.0	LGPLv2.1
libnotify 0.7.8	LGPLv2.1
libnpx 9.7.1	CC0- 1.0
libnsl2 1.2.0	LGPL v2.1
libnss-nis 3.0	LGPL v 2.1
libnuma1 2.0.11- 2.1	LGPL- v2.1
libogg 1.3.4	3-clause BSD licence
Libopts 27.6	Lgpl- v2.1
libpcre 8.45	3-clause BSD license
libpcre2-8 10.34.7	3-clause BSD license
libpcre2-8.so 10.34.7	3-clause BSD license
libp11 0.4.12	LGPL v2.1
Libpam 1.3.1	BSD
libpng 1.6.37	PNG Reference Library License v2
Libpaper 1.1.24+nmu4	GPL- v2
libpciaccess 0.16	MIT
libphonenumber 7.2.8-SNAPSHOT 7.2.8- SNAPSHOT	Apache License, Version 2.0
libphonenumber master	Apache 2.0
libphonenumber-build-parent 1.0- SNAPSHOT 1.0-SNAPSHOT	Apache License, Version 2.0
libphonenumber-parent 7.2.8- SNAPSHOT 7.2.8-SNAPSHOT	Apache License, Version 2.0
libpng 1.6.37	Libpng LICENSE
libprotobuf-mutator 0	Apache 2.0
libpsl 0.21.2	MIT
librsvg 2.40.21	LGPLv2
libsecret 0.20.5	LGPLv2.1
libselinux 3.1	Public Domain
libsigc++-2.0 2.10.0	LGPLv2.1
libSM 1.2.3	MIT
libsndfile 1.0.28- 4	LGPLv2.1
libsoup 2.62.3	LGPLv2
libsqlcipher.so.0.8.6 (libsqlcipher- 3.4.1-2) 3.4.1-2	Public Domain
libssh2 1.10.0	3-clause BSD license
libsrtp master	3-clause BSD license
Libssl 1.1	OpenSSL
libsync master	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
libtasn1 4.16.0	LGPL v2.1
libthai 0.1.28	LGPL V2.1
libtheora 1.1.1	3-clause BSD licence
Libtiff 4.2.0	libtiff License
Libtirpc 1.2.6	3-clause BSD license
Libtool 2.4.6	LGPL v2.1
libunistring 1.1	LGPLv3
Libunwind 1.3.1	MIT
libusb 1.0.22	LGPLv2.1
libusb-compat 0.1.5	LGPL,3-clause BSD license
libuuid 1.2	3-clause BSD license
libuv-libuv 1.20.3	MIT
libv4l 1.18.0	LGPL- v2.1
libva 2.16.0	MIT
libva-utils 2.17.1	MIT
libvdpau 1.5	MIT
Libvorbis 1.3.6	3-clause BSD license
libvpx 1.8.2	3-clause BSD license
libvpx-dev 1.7.0	3-clause BSD license
libwebm master	3-clause BSD license
libwebp 1.1.0	BSD Clause- 3
Libwpe 1.14.1	2-clause BSD license
libX11 1.6.9	BSD
libXau 1.0.9	MIT
libXaw 1.0.14	MIT
libxcb 1.13.1	MIT
libXcomposite 0.4.5	MIT
libxcrypt 4.4.15	LGPLv2.1
libXcursor 1.2.0	MIT
libXdamage 1.1.5	MIT
libXdmcp 1.1.3	MIT
libXext 1.3.4	MIT
libXfixes 5.0.3	MIT
libXfont2 2.0.4	MIT
libXft 2.3.3	MIT
libXi 1.7.10	MIT
libXinerama 1.1.4	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
libxkbcommon 0.8.2	MIT
libxkbfile 1.1.0	MIT
libxml2 2.10.4	MIT
Libxpm 3.5.13	MIT
libXmu 1.1.3	MIT
libXrandr 1.5.2	MIT
libXrender 0.9.10	MIT
libXScrnSaver 1.2.3	MIT
libxshmfence 1.3	MIT
Libxslt 1.1.32	MIT
libXt 1.2.0	MIT
libXtst 1.2.3	MIT
libXv 1.0.11	MIT
libXxf86vm 1.1.4	MIT
libyaml 0.2.1	MIT
libyuv 1838	3-clause BSD license
libze-intel-gpu 21.36.20889- 1	MIT
libze-loader 1.4.1- 1	MIT
linux-4.19.131/drivers/net/wireless/ath 4.19.131	3-clause BSD license
linux-firmware- 20201218/ath10k/QCA6174/hw3.0 3.0	3-clause BSD license
linux-firmware- 20201218/ath10k/QCA9377/hw1.0 1.0	3-clause BSD license
Linux-PAM 1.3.0	BSD Clause- 3
linux- yocto 5.19.3	GPLv2
lldpd 1.0.14	ISC
Llvm12.0.1	Apache License v2.0 with LLVM Exceptions
llvm-project-release-9.x 9.0.1	Apache- 2.0
load-json-file 2.0.0	MIT
locate-path 2.0.0	MIT
lockfile 1.0.4	ISC
Lodash 4.17.21	MIT
lodash._baseindexof 3.1.0	MIT
lodash._baseuniq 4.6.0	MIT
lodash._bindcallback 3.0.1	MIT
lodash._cacheindexof 3.0.2	MIT
lodash._createcache 3.1.2	MIT
lodash._createset 4.0.3	MIT
lodash._getnative 3.9.1	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
lodash._root 3.0.1	MIT
lodash.clonedeep 4.5.0	MIT
lodash.restparam 3.6.1	MIT
lodash.union 4.6.0	MIT
lodash.uniq 4.5.0	MIT
lodash.without 4.4.0	MIT
lokijs 1.5.12	MIT
long 4.0.0	Apache License, Version 2.0
lpd 12	3-clause BSD license
lpr 2.3.3	BSD 2-Clause
lowercase-keys 1.0.1	MIT
lru-cache 4.1.5	ISC
lsof 4.93.2	Open Source License
lss master	3-clause BSD license
lttng-ust 2.10.3	MIT
lua 5.3.5	MIT
lv_drivers 6.1	MIT
lvgl 8.1.0	MIT
lz4 1.8.2	2-clause BSD license
lzo2 2.10_1	GPLv2
Intel Audio firmware (sof-adl.ri) 2.0	2-clause BSD license
Intel Bluetooth Firmware ibt-1040- 4150	Intel License
make-dir 1.3.0	MIT
make-fetch-happen 2.6.0	CC0- 1.0
mallikarjunece / pep8 1.4.5	MIT
Manjari 1.1	MIT
map-stream 0.0.7	MIT
marcj-css-element-queries 0.2.1	MIT
markdown-extensions 1.1.1	MIT
marked 0.3.19	MIT
materialize 0.100.0	MIT
math_private.h 1.3	BSD
md5.js 1.3.5	MIT
meant 1.0.2	MIT
media-driver 22.4.3	MIT
mem 1.1.0	MIT
mesa 21.0.3	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
meson 1.1.1	Apache License, Version 2.0
meta-openembedded thud	MIT
miller-rabin 4.0.1	MIT
mime-db 1.40.0	MIT
mime-types 2.1.34	MIT
mimic-fn 1.2.0	MIT
mini-css-extract-plugin 1.3.9	MIT
minigbm 0	3-clause BSD license
minimalistic-assert 1.0.1	ISC
minimalistic-crypto-utils 1.0.1	MIT
minimatch 3.0.4	ISC
minimist 1.2.5	MIT
minipass 2.9.0	ISC
minizip 1.2.0	MIT
minizlib 1.3.3	MIT
mississippi 1.3.1	2-clause BSD license
Mjsunit 3.7.0	3-clause BSD license
Mkdirp 1.0.4	MIT
mm-common 0.9.12	GPLv2
mobile-broadband-provider- info 20170310	Public Domain
mocha 10.0.0	MIT
mochajs-mocha N/A	MIT
Mock 4.0.3	2-clause BSD license
mod_pywebsocket 0.7.9 0.7.9	3-clause BSD license
Modulegraph 0.12.1	MIT
module-stub 1.1.12	MIT
mootools-more-yui-compressed 6bf24b86134a1d0702a57c49	MIT
move-concurrently: 1.0.1	ISC
Mox 0.5.3	Apache License, Version 2.0
mpfr 4.2.0	GPLv3 & LGPLv3
mpg123 1.25.13	LGPLv2.1
mqtt 2.18.8	MIT
mqtt-packet 5.6.1	MIT
mqtt-with-proxy 2.5.4	MIT
ms 2.0.0	MIT
mtdev 1.1.6	MIT
multi-ini 2.3.2	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
MutationObserver 0.7.24	3-clause BSD license
mute-stream 0.0.8	ISC
natural-compare 1.4.0	MIT
ncups 0.7.7	MIT
ncurses 6.2	MIT
ndparker-rcssmin 1.0.5	Apache License, Version 2.0
ndparker-rjsmin 1.0.12	Apache License, Version 2.0
netbase 6.1	GPLv2
neon-animation PolymerElements/neon- animation 2.1.0	3-clause BSD license
netlink 0.0.1	BSD-2-Clause
netmap 13.0	2-clause BSD license
Netmask 2.0.2	MIT
net- snmp v5.9.1	3-clause BSD license
nettle 3.5.1	LGPLv3
nghttp2 1.52.0	MIT
nightwatch 0.9.12	MIT
ninja-build-ninja 1.8.2	Apache License, Version 2.0
node.extend 2.0.2	MIT
node.flow 1.2.3	MIT
node_modules/escope 2.0.0- dev	2-clause BSD license
node-doc-generator 0.0.0	MIT
node-fetch-npm 2.0.4	MIT
node-forge 1.3.1	3-clause BSD license
node-gyp 3.6.3	MIT
node-inspect 1.11.3	MIT
nodejs 16.14.2	MIT
nodejs exe 64bit Windows Binary 18.12.1	MIT
nodejs-node 15.0.1	MIT
node-libs-browser 2.2.1	MIT
node-loader 1.0.0	MIT
node- lp 1.0.2	2-clause BSD license
node-native-loader 1.1.1	MIT
nodent 5.3.0.17	MIT
node- sass 4.14.1	MIT
node- uuid 1.4.8	MIT
node-v8.9.1-linux-x64.tar.xz v8.9.1	BSD
nopt 4.0.3	ISC

Table 1. Third Party component names and license types (continued)

Component name	License type
normalize-package-data 2.5.0	2-clause BSD license
normalize-wheel 1.0.1	3-clause BSD license
Nose 1.3.7	GNU LESSER GENERAL PUBLIC LICENSE Version 2.1
noto-fonts 2017-10- 24	MIT
npm 5.6.0	Apache License, Version 2.0
npm-bundled 1.1.2	ISC
npm-cache-filename 1.0.2	ISC
npm-init 0.0.0	MIT
npm-install-checks 3.0.2	2-clause BSD license
npm-lifecycle 2.0.3	Apache License, Version 2.0
npmlog 4.1.2	ISC
npm-node-semver 5.4.1	ISC
npm-package-arg 6.0.0	ISC
npm-packlist 1.4.8	ISC
npm-pick-manifest 1.0.4	CC0- 1.0
npm-profile 2.0.5	ISC
npm-registry-client 8.5.1	ISC
npm-run- path 2.0.2	MIT
npm-test-gitignore 2.0.0	MIT
npm-user-validate 1.0.1	2-clause BSD license
nspr 4.25	Mozilla Public License Version 2.0
nss 3.511	MPL
NTLM-client 0.1.1	MIT
ntp master-no- authorname	NTP License
number-is-nan: 1.0.1	MIT
nunit 3.6.1	MIT
nunitlite 3.6.1	MIT
nyc 15.1.0	ISC
nvm 0.39.1	MIT
oauth2client 4.1.3	Apache License, Version 2.0
oauth-sign 0.9.0	Apache License, Version 2.0
object-assign 4.1.1	MIT
object-get 2.1.0	MIT
object-inspect 1.6.0	MIT
object-tools 2.0.6	MIT
oboe 2.1.3	BSD
ocl-icd-libopencl1 2.2.11- 1	2-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
once 1.4.0	ISC
onetime 2.0.1	MIT
openconnect 9.01_1	LGPL v2.1
openct 0.6.20	LGPL v2.1
openembedded- core 2021- 10.1	MIT
opener 1.4.3	MIT
openh264 master	3-clause BSD license
Openldap 2.6.4	OpenLDAP Public License
openldap-client 2.4.57	OpenLDAP Public License Version 2.8
openldap24-client 2.4.59_4	OpenLDAP Public License
OpenRC 0.42.1	BSD-2-clause
Opensc 0.23.0	LGPL v2.1
opensc-libp11 0.4.7	LGPL- 2.1
openssl 1.0.2zh	OpenSSL License AND Original SSLeay License
openssl 1.1.1t	OpenSSL License AND Original SSLeay License
openssl-wrapper 0.3.4	MIT
openstack / pbr 1.10.0	Apache License, Version 2.0
opensuse-libsolv 0.6.35	3-clause BSD license
opentelemetry-collector-contrib 0.68.0	Apache License, Version 2.0
opentelemetry-collector-contrib 0.68.0	Apache License, Version 2.0
openVPN 2.5.7_1	GPL v2
optimist 0.3.7	MIT
optimize-css-assets-webpack-plugin 3.2.0	MIT
optionator 0.8.3	MIT
ora 5.3.0	MIT
orc 0.4.31	BSD-3-Clause
Ordereddict 1.1	MIT
os-browserify 0.3.0	MIT
osenv 0.1.5	ISC
os-homedir 1.0.2	MIT
os-locale 2.1.0	MIT
os-tmpdir 1.0.2	MIT
p11-glue-p11-kit 0.23.14	3-clause BSD license
p11-kit 0.24.1	3-clause BSD license
package- json 4.0.1	MIT
package-name 1.2.3	MIT
pacote 7.6.1	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
pac-proxy-agent 5.0.0	MIT
pac-resolver 5.0.0	MIT
page_cycler/acid3 master	Public domain
pako 1.0.10	MIT
pango 1.44.7	LGPLv2
Pangomm 2.24.0	LGPLv2.1
pangox-compat 0.0.2	LGPL v2
paper-behaviors PolymerElements/paper- behaviors 2 1.0.13	3-clause BSD license
paper-checkbox 2.0.2	3-clause BSD license
paper-dialog 1.0.0	3-clause BSD license
paper-dialog-behavior 1.0.0	3-clause BSD license
paper-dropdown- menu 1.0.0	3-clause BSD license
paper- fab 3.0.1	3-clause BSD license
parallel-transform 1.2.0	MIT
paramiko 2.8.1	LGPLv2.1
paramiko / paramiko 2.9.1	LGPL v2.1
parcel-bundler 1.12.5	MIT
parse5 6.0.1	MIT
parse-asn1 5.1.4	ISC
parse- json 2.2.0	MIT
path-browserify 0.0.1	MIT
path-exists 3.0.0	MIT
path-is-absolute 1.0.1	MIT
path-is-inside 1.0.2	MIT
path- key 2.0.1	MIT
path-parse 1.0.7	MIT
path-type 2.0.0	MIT
pause-stream 0.0.11	MIT
pbkdf2 3.0.17	MIT
pbzip2 1.1.13	3-clause BSD license
pcre 8.42	3-clause BSD licence
pcsc-lite 1.9.9	3-clause BSD license AND GPLv3
pdf_viewer master	BSD
pdfium master	Apache License
perf f286466585fed4ae96930ec7b	3-clause BSD license
perfetto master	Apache License
performance-now 2.1.0	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
perl 5.28	GNU
perl5 5.28.1	GPL
petkaantonov-bluebird 3.5.0	MIT
Pexpect 4.6	ISC
p-finally 1.0.0	MIT
pfusp-ubuntu_2.2.1_amd64 2.2.1	EULA
php 5.5.0	The PHP License, version 3.01
pify 2.3.0	MIT
pinkie 2.0.4	MIT
pinkie-promise 2.0.1	MIT
pip 18	MIT
pixman 0.38.4	MIT
pixz 1.0.6	2-clause BSD license
pkg 1.18.4	2-clause BSD license
pkcs11-helper1 1.29.0	GPLv2
p-limit 1.3.0	MIT
p-locate 2.0.0	MIT
pluralize 7.0.0	MIT
ply 3.8	3-clause BSD license
png 1.6.39	Libpng License
pnpnpn-retry-decorator 1.0.0	MIT
polymer Polymer/polymer 1.9 - 2	3-clause BSD license
polymer-analyzer 2.7.0	3-clause BSD license
polymer-bundler 3.0.1	3-clause BSD license
polymer-css-build 0.1.2	3-clause BSD license
PolymerElements / iron-a11y-keys 1.0.7	3-clause BSD license
PolymerElements / paper-listbox 2.0.0	3-clause BSD license
PolymerElements / paper-material 1.0.5	3-clause BSD license
PolymerElements / paper-menu- button 1.3.0	3-clause BSD license
PolymerElements / paper-progress 2.0.1	3-clause BSD license
PolymerElements / paper-radio- button 2.0.0	3-clause BSD license
PolymerElements / paper-radio- group 2.1.0	3-clause BSD license
PolymerElements / paper-slider 2.0.2	3-clause BSD license
PolymerElements / paper-spinner 2.0.0	3-clause BSD license
PolymerElements / paper-styles 1.3.1	3-clause BSD license
PolymerElements / paper-tabs 1.0.0	3-clause BSD license
PolymerElements / paper-toggle- button 2.0.0	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
PolymerElements / paper-tooltip 2.0.0	3-clause BSD license
polymerelements-iron-a11y-announcer 1.0.6	3-clause BSD license
polymerelements-iron-a11y-keys-behavior 1.1.9	3-clause BSD license
PolymerElements-iron-ajax 2.0.5	3-clause BSD license
polymerelements-iron-autogrow-textarea 2.1.1	3-clause BSD license
polymerelements-iron-behaviors 1.0.18	3-clause BSD license
polymerelements-iron-collapse 2.1.0	3-clause BSD license
polymerelements-iron-dropdown 2.1.0	3-clause BSD license
polymerelements-iron-flex-layout 1.3.7	3-clause BSD license
polymerelements-iron-form 2.0.1	3-clause BSD license
polymerelements-iron-icon 1.0.13	3-clause BSD license
polymerelements-iron-icons 2.0.1	3-clause BSD license
polymerelements-iron-iconset-svg 2.1.1	3-clause BSD license
polymerelements-iron-image 1.2.3	3-clause BSD license
polymerelements-iron-input 1.0.11	3-clause BSD license
polymerelements-iron-jsonp-library 2.0.0	3-clause BSD license
polymerelements-iron-list 1.4.6	3-clause BSD license
polymerelements-iron-location 2.0.3	3-clause BSD license
polymerelements-iron-media-query 2.0.0	3-clause BSD license
polymerelements-iron-menu-behavior 2.0.1	3-clause BSD license
polymerelements-iron-meta 1.1.3	3-clause BSD license
polymerelements-iron-overlay-behavior 2.3.2	3-clause BSD license
polymerelements-iron-pages 2.0.1	3-clause BSD license
polymerelements-iron-resizable-behavior 2.0.1	3-clause BSD license
polymerelements-iron-selector 2.0.1	3-clause BSD license
polymerelements-iron-test-helpers 2.0.0	3-clause BSD license
polymerelements-neon-animation 2.1.0	3-clause BSD license
polymerelements-paper-behaviors 1.0.13	3-clause BSD license
polymerelements-paper-button 2.0.0	3-clause BSD license
polymerelements-paper-card 1.1.1	3-clause BSD license
polymerelements-paper-checkbox 2.0.2	3-clause BSD license
polymerelements-paper-dialog 1.1.0	3-clause BSD license
polymerelements-paper-dialog-behavior 1.2.9	3-clause BSD license
polymerelements-paper-dropdown- menu 1.5.1	3-clause BSD license
polymerelements-paper-fab 2.0.0	3-clause BSD license
PolymerElements-paper-icon-button 2.0.0	3-clause BSD license
PolymerElements-paper-input 2.1.0	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
polymerelements-paper-input 1.1.24	3-clause BSD license
polymerelements-paper-item 1.2.2	3-clause BSD license
polymerelements-paper-listbox 2.0.0	3-clause BSD license
polymerelements-paper-material 1.0.7	3-clause BSD license
polymerelements-paper-menu 1.3.0	3-clause BSD license
PolymerElements-paper-menu-button 1.5.2	3-clause BSD license
PolymerElements-paper-spinner 2.0.0	3-clause BSD license
PolymerElements-paper-styles 3.0.1	3-clause BSD license
PolymerElements-paper-tabs 1.8.0	3-clause BSD license
PolymerElements-paper-tabs 2.0.0	3-clause BSD license
PolymerElements-paper-toast 1.3.1	3-clause BSD license
PolymerElements-paper-toggle-button 2.0.0	3-clause BSD license
PolymerElements-paper-tooltip 2.0.0	3-clause BSD license
polymer-polymer 1.10.1	3-clause BSD license
polymer-webcomponentsjs 0.7.24	3-clause BSD license
popper.js 1.14.3	MIT
popt 1.19	MIT
portfinder 1.0.26	MIT
posix-uefi 5a71f6ae11acab1711d931718	MIT
postcss- cli 9.1.0	MIT
postcss-import 11.1.0	MIT
postcss-loader 5.3.0	MIT
postcss-merge-rules2 0.04	MIT
postcss-plugin-namespace 0.0.2	MIT
postcss-plugin-px2rem 0.7.0	MIT
postcss-pxtorem 5.1.1	MIT
postcss- url 7.2.1	MIT
powerdxx 0.4.4	MIT
Ppp 2.4.7	4-clause BSD license
prefixmapper 2.38-SNAPSHOT 2.38- SNAPSHOT	Apache License, Version 2.0
prelude- ls 1.1.2	MIT
prepend- http 1.0.4	MIT
process 0.11.10	MIT
process-nextick-args 2.0.1	MIT
procps-ng 3.3.15	LGPLv2
progress 2.0.3	MIT
progress-bar-webpack-plugin 2.1.0	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
Promise 1.0.1	MIT
promise-inflight 1.0.1	ISC
promise-polyfill 1.0.1	Apache License, Version 2.0
promise-retry 1.1.1	MIT
promzard 0.3.0	ISC
protobuf 3.3.2	3-clause BSD license
protobuf- java 3.0.0	2-clause BSD license
protobuf-javanano 3.2.0	3-clause BSD license
protobuf-java-util 3.3.2	3-clause BSD license
protobuf-jruby 1.0-SNAPSHOT 1.0- SNAPSHOT	3-clause BSD license
protobuf-lite 3.0.0	3-clause BSD license
protobuf-parent 3.3.2	3-clause BSD license
protoc 3.3.2	3-Clause BSD License
protocolbuffers-protobuf N/A	3-clause BSD license
protoduck 4.0.0	MIT
proto-list 1.2.4	ISC
Prototype 1.7 1	MIT
proxy 1.0.1	MIT
prr 0.0.0	MIT
pseudomap 1.0.2	ISC
psl 1.1.33	MIT
Pstree 2.39	GPL
pty.js 0.3.1	MIT
public-encrypt 4.0.3	MIT
pulseaudio 13.99	LGPL v2.1
pump 1.0.3	MIT
pumpify 1.5.1	MIT
punycode 2.1.0	MIT
put 0.0.6	MIT
pv 1.6.20	Artistic License 2.0
pxe_call.S 1.3	2-clause BSD license
Py 1.4.12	MIT
pyasn1 0.4.8	3-clause BSD license
pyasn1-modules 0.2.8	2-clause BSD license
pyelftools 0.22	Public Domain
pyftpdlib 0.7.0	ISC
pygobject-2.21.5.tar.gz 2.21.5	LGPL v2.1

Table 1. Third Party component names and license types (continued)

Component name	License type
pylint 2.12.2	GPL v2
pyOpenSSL 21.0.0	Apache License, Version 2.0
pypa-setuptools 50.3.1	MIT
Pytest 2.3.4	MIT
pytest-cov 1.8.1	MIT
python3 3.8.13	3-clause BSD License
python3-dbus 1.3.2	MIT
python3-setuptools 67.6.1	MIT
python-gflags 2.0	3-clause BSD license
python-paste 2.0.2	MIT
python-rsa 2.0	Apache License, Version 2.0
pywebsocket 0	BSD
Pyyaml 6.0	MIT
Qpdf 10.0.4	Apache License, Version 2.0
qrcode-terminal: 0.11.0	Apache License, Version 2.0
qs 6.5.1	3-clause BSD license
qt4-x11-free 4.8.7	LGPLv2.1
query-string 5.0.1	MIT
querystring-es3 0.2.1	MIT
qunitjs-qunit 1.17.1	MIT
Qw 1.0.2	ISC
randombytes 2.1.0	MIT
randomfill 1.0.4	MIT
raszi-node-tmp 0.0.33	MIT
raw-body 2.4.1	MIT
raw-loader 0.5.1	MIT
rc 1.2.8	MIT
re2 master	3-clause BSD license
react 15.5.4	BSD
react-dom 15.5.4	3-Clause BSD License
react-with-addons 15.5.4	3-Clause BSD License
read 1.0.7	ISC
readable-stream 2.3.7	MIT
read-cmd- shim 1.0.5	ISC
readdir-scoped-modules 1.1.0	ISC
read-installed 4.0.3	ISC
Readline 8.2.0	GPL v3

Table 1. Third Party component names and license types (continued)

Component name	License type
readline vpnc-scripts8.1.2	GPLv3
readline-7.0-patches/readline70-005 70- 005	LGPL v2.1
read-package- json 2.1.2	ISC
read-package- tree 5.1.6	ISC
read-pkg- up 2.0.0	MIT
rechoir 0.6.2	MIT
reduce-flatten 1.0.1	MIT
regenerator 0.14.5	MIT
regenerator-runtime 0.10.5	MIT
registry-auth-token 3.4.0	MIT
registry- url 3.1.0	MIT
reinterval 1.1.0	MIT
remark 8.0.0	MIT
remark-cli 4.0.0	MIT
remark-lint 6.0.6	MIT
remark-lint-blockquote-indentation 1.0.4	MIT
remark-lint-checkbox-character-style 1.0.4	MIT
remark-lint-checkbox-content-indent 1.0.3	MIT
remark-lint-code-block-style 1.0.4	MIT
remark-lint-definition-spacing 1.0.5	MIT
remark-lint-fenced-code-flag 1.0.4	MIT
remark-lint-fenced-code-marker 1.0.4	MIT
remark-lint-file-extension 1.0.5	MIT
remark-lint-final-definition 1.0.3	MIT
remark-lint-final-newline 1.0.5	MIT
remark-lint-first-heading-level 1.1.4	MIT
remark-lint-hard-break-spaces 1.0.5	MIT
remark-lint-heading-style 1.0.4	MIT
remark-lint-maximum-line-length 1.2.2	MIT
remark-lint-no-auto-link-without- protocol 1.0.4	MIT
remark-lint-no-blockquote-without-caret 1.0.0	MIT
remark-lint-no-duplicate-definitions 1.0.6	MIT
remark-lint-no-file-name-articles 1.0.5	MIT
remark-lint-no-file-name-consecutive- dashes 1.0.5	MIT
remark-lint-no-file-name-outer-dashes 1.0.6	MIT
remark-lint-no-heading-content-indent 1.0.4	MIT
remark-lint-no-heading-indent 1.0.4	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
remark-lint-no-inline-padding 1.0.5	MIT
remark-lint-no-multiple-toplevel- headings 1.0.5	MIT
remark-lint-no-shell-dollars 1.0.4	MIT
remark-lint-no-shortcut-reference-image 1.0.4	MIT
remark-lint-no-table-indentation 1.0.5	MIT
remark-lint-no-tabs 1.0.4	MIT
remark-lint-no-unused-definitions 1.0.5	MIT
remark-lint-prohibited-strings 1.5.2	MIT
remark-lint-rule-style 1.0.4	MIT
remark-lint-strong-marker 1.0.4	MIT
remark-lint-table-cell-padding 1.0.5	MIT
remark-lint-table-pipes 1.0.4	MIT
remark-preset-lint-node 1.0.2	MIT
request 2.88.2	Apache License, Version 2.0
request-request 2.83.0	Apache License, Version 2.0
requests master	Apache License, Version 2.0
require-directory 2.1.1	MIT
requirejs-requirejs 2.1.9	MIT
requirejs-text 2.0.15	MIT
require-main-filename: 1.0.1	ISC
require-uncached 1.0.3	MIT
reset- css 3.0.0	Unlicense
resize-observer-polyfill 1.5.1	MIT
resolve 1.21.0	MIT
resolve- from 1.0.1	MIT
restore-cursor 2.0.0	MIT
retry 0.10.1	MIT
retry_decorator 1.1.1	MIT
rgb 1.0.6	MIT
rimraf 3.0.2	ISC
ripemd160 2.0.2	MIT
rmdir 1.2.3 invalid	MIT License
Roboto font N/A	Apache License, Version 2.0
rpcsvc-proto 1	3-clause BSD license
rsa 4.8	Apache License, Version 2.0
rsync 3.1.3	GPL
Rtmpdump e79a07c8625b56ebb182c12343518faff4902de 7	LGPL

Table 1. Third Party component names and license types (continued)

Component name	License type
run-async 2.4.0	MIT
Runner 0.5	Apache License, Version 2.0
run-queue 1.0.3	ISC
rx.lite 3.1.2	Apache License, Version 2.0
rx.lite.aggregates 4.0.8	Apache License, Version 2.0
rx-lite 4.0.8	Apache License, Version 2.0
rx-lite-aggregates 4.0.8	Apache License, Version 2.0
SA-18:15/bootpd.patch N/a	FreeBSD License
SA-19:01/syscall.patch N/a	FreeBSD License
SA-19:02/fd.patch N/a	FreeBSD License
SA-19:04/ntp.patch N/a	FreeBSD License
SA-19:05/pf.patch N/a	FreeBSD License
SA-19:06/pf.patch N/a	FreeBSD License
SA-19:08/rack.patch N/a	FreeBSD License
SA-19:09/iconv.patch N/a	FreeBSD License
SA-19:10/ufs.12.patch N/a	FreeBSD License
SA-19:11/cd_ioctl.12.patch N/a	FreeBSD License
SA-19:13/pts.patch N/a	FreeBSD License
SA-19:16/bhyve.patch N/a	FreeBSD License
SA-19:17/fd.12.patch N/a	FreeBSD License
SA-19:18/bzip2.patch N/a	FreeBSD License
SA-19:19/mldv2.12.patch N/a	FreeBSD License
SA-19:20/bsnmp.patch N/a	FreeBSD License
SA-19:21/bhyve.patch N/a	FreeBSD License
SA-19:22/mbuf.patch N/a	FreeBSD License
SA-19:23/midi.patch N/a	FreeBSD License
safe-buffer 5.2.1	MIT
safer-buffer 2.1.2	MIT
samba 4.10.11	GPLv3
sane-backends 1.2.1	GPLv2
saschawillems-vulkan NA	MIT
sass 1.49.9	MIT
sass-loader 12.6.0	MIT
sax 1.2.4	ISC
scardManager 0.18.0	LGPLv2.1
scoped-underscore 1.3.1	MIT
sed 4.2.2	GPLv3

Table 1. Third Party component names and license types (continued)

Component name	License type
semantic 7.0.3	3-clause BSD License
semver 5.7.1	ISC
semver- diff 2.1.0	MIT
set-blocking 2.0.0	ISC
set-cookie-parser 2.4.8	MIT
setimmediate 1.0.5	MIT
setuptools 60.3.1	MIT
sfntly master	Apache License, Version 2.0
sha.js 2.4.11	MIT
sha 2.0.1	MIT
sha3 2.1.4	MIT
shaderc 2022.1	Apache-2.0
shadow 4.8.1	3-clause BSD licence
ShadowDOM 0.7.24	3-clause BSD License
shady-css-parser 0.0.8	3-clause BSD license
shebang-command 1.2.0	MIT
shelljs 0.8.5	3-clause BSD license
Shim 2.4.1	MIT
signal- exit 3.0.6	ISC
Simplejson 3.6.5	MIT
simple-mtpfs 0.3.0	GPL
Six 1.16.0	MIT
Sizzle 1.11.1	MIT
skia master	3-clause BSD license
skia 0.5.1	3-clause BSD license
slice- ansi 1.0.0	MIT
slide 1.1.6	ISC
smart-buffer 1.1.15	MIT
smhasher 0	MIT
snappy 1.1.7	BSD
Sntp 2.1.0	3-clause BSD license
socks 1.1.10	MIT
Socksipy 0751726c3832fb77beb62660b7d0bc182204abd d	3-clause BSD license
socksipy-branch 1.02	3-clause BSD license
socks-proxy-agent 4.0.2	MIT
socksv5 0.0.6	MIT
SOF 1.6.1	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
sorted-object 2.0.1	MIT
sorted-union-stream 2.1.3	MIT
source-han-sans 2.001	MIT
source- map 0.5.7	3-clause BSD license
source-map-loader 0.2.4	MIT
spawn-sync 2.0.0	MIT
spdx-correct 1.0.2	MIT
spdx-expression-parse 1.0.4	MIT
specs 2.0.0	MIT
speex 1.2.0	3-clause BSD licence
speexdsp 1.2.0	3-clause BSD licence
sphinx 4.3.2	MIT
spirv 1.2	LLVM Release License
spirv-headers 1.3.204.1	MIT
SPIRV- Tools 1.3.204.1	Apache License, Version 2.0
split 1.0.1	MIT
sprintf- js 1.1.2	3-clause BSD license
sqlalchemy 1.0.15	MIT
sqlcipher 4.5.3	3-clause BSD license
sqlite 3.31.1	Public Domain
sqlite-autoconf 3230100	Public Domain
sshpk 1.16.1	MIT
ssri 5.0.0	ISC
sstephenson-prototype 1.5.0	MIT
stats_viewer 8.0.50727	3-clause BSD license
stefanpenner-es6-promise 4.2.8	MIT
strace 5.19	GPL v2
stream-browserify 2.0.2	MIT
stream-combiner 0.2.2	MIT
stream-connect 1.0.2	MIT
stream- each 1.2.3	MIT
stream- http 2.8.3	MIT
stream-iterate 1.2.0	MIT
stream-shift 1.0.1	MIT
stream- via 1.0.4	MIT
strict-uri-encode 1.1.0	MIT
string_decoder 1.0.3	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
stringstream 0.0.6	MIT
stringstream 0.0.5	MIT
string-width 2.1.1	MIT
strip- ansi 4.0.0	MIT
strip- bom 3.0.0	MIT
strip- eof 1.0.0	MIT
strip-indent 2.0.0	MIT
strip-json-comments 2.0.1	MIT
stuk-jszip N/A	MIT
stylelint 14.5.3	MIT
stylelint-config-standard 25.0.0	MIT
stylelint- scss 4.1.0	MIT
stylelint-webpack-plugin 3.1.1	MIT
supports-color 7.2.0	MIT
support-v13 23.3.0	Apache License, Version 2.0
svgalib 1.4.3_7	Public Domain
swarming_client master	Apache License
swiftshader master	Apache License
System 239	GPL2
table 4.0.3	3-clause BSD license
table-layout 0.3.0	MIT
taglib 1.11.1	LGPLv2.1
tape 4.11.0	MIT
Tar 4.4.19	ISC
tar.gz 0.1.1	MIT
taylorhakes-promise-polyfill 1.0.1	MIT
tcp_wrappers 7.6	3-clause BSD license
term-size 0.1.1	MIT
terser-webpack-plugin 5.3.1	MIT
test-value 2.1.0	MIT
text-table 0.2.0	MIT
text-template 1.46	Artistic License
thinos-electron 22.3.6	MIT
thread-loader 3.0.4	MIT
throttle-debounce 1.1.0	GNU GENERAL PUBLIC LICENSE Version 2
through 2.3.8	MIT
through2 2.0.5	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
thunderbolt driver 316c1eb93f219e569558c2711	4-clause BSD license
Thunkify 2.1.2	MIT
tianocore-edk2 NA	2-clause BSD license
tias-xinput_calibrator 0.7.5	MIT
Tiff 4.3.0	3-clause BSD license
timed-out 4.0.1	MIT
timers-browserify 2.0.10	MIT
tim-kos-node-retry 0.10.1	MIT
tmp 0.0.33	MIT
Tmux 2.6	ISC
to-arraybuffer 1.0.1	MIT
todomvc 0.0.0	MIT
todomvc-common 1.0.4	MIT
toji-gl-matrix 2.3.1	MIT
tomerfiliba-tlslite 0.4.8	3-clause BSD license
tough-cookie 3.0.1	3-clause BSD license
tox 3.24.5	MIT
Toybox 0.7.5	ISC
TPM 2.0	BSD 3- Clause
tpm2-tools 4.2	3-clause BSD license
tpm2-tools-5.2_1 5.2_1	2-clause BSD license
tpm2-tss 2.4.1	2-clause BSD license
tpm2-tss-3.2.0_1 3.2.0_1.pkg	2-clause BSD license
transformer 1.15.2	Apache License, Version 2.0
tryit 1.0.3	MIT
ttf-dejavu 2.37	MIT
Tumx 2.6	ISC
tunnel-agent 0.6.0	Apache License, Version 2.0
twbs-bootstrap 3.3.6	MIT
twbs-bootstrap 3.3.7	MIT
tweetnacl 0.14.5	public domain.
tweetnacl-util-js v0.15.1 v0.15.1	public domain
twgl-full.min.js 8f77a9ad8d32fc912db9b29bb	MIT
typ 0.11.0	Apache License, Version 2.0
type 1.0.1	ISC
type/chai 4.2.12	MIT
type-check 0.3.2	MIT

Table 1. Third Party component names and license types (continued)

Component name	License type
typedarray 0.0.6	MIT
types/chai 4.2.15	MIT
types/node 6.14.13	MIT
typescript 4.3.5	Apache License, Version 2.0
typical 2.6.1	MIT
uglify- es 3.0.15	2-clause BSD license
uglifyjs-webpack-plugin 1.3.0	MIT
uid-number 0.0.6	ISC
umask 1.1.0	MIT
underscore 1.9.1	MIT
unified- args 4.0.0	MIT
unique-filename 1.1.1	ISC
unique- slug 2.0.2	ISC
unique-string 1.0.0	MIT
unittest2 0.5.1	3-clause BSD license
unittest2py3k 0.5.1	BSD
unpipe 1.0.0	MIT
unzip-response 2.0.1	MIT
update-notifier 2.5.0	2-clause BSD license
uri- js 4.2.2	2-clause BSD license
url 0.11.0	MIT
url-loader 4.1.1	MIT
url-parse- lax 1.0.0	MIT
Usbutils 014	GPL- v2
user- home 2.0.0	MIT
usrsctp 0	BSD
usrsctp Version 0	3-clause BSD license
utf-8-validate 5.0.9	MIT
util-deprecate 1.0.2	MIT
util-extend 1.0.3	MIT
util-linux 2.34	GPLv2
util-macros 1.19.2	MIT
uuid 3.4.0	MIT
v4l-utils 1.16.0	LGPL v 2.1
v8 master	BSD
validate-npm-package-license 3.0.4	Apache License, Version 2.0
validate-npm-package- name 3.0.0	ISC

Table 1. Third Party component names and license types (continued)

Component name	License type
vbabiy-pymox 0.5.1	Apache License, Version 2.0
vdpauinfo 1.0	MIT
vdpau-video 0.7.4	GNU GENERAL PUBLIC LICENSE Version 2
verror 1.10.0	MIT
Viewer b7a283db5a2d0471402b0e85a	3-clause BSD license
Vim 8.1.0347	VIM
vim-console 8.1.0985	MIT
Virglrenderer 0.7.0	MIT
virtyaluk-paper-ripple 1.0.9	3-clause BSD license
visualmetrics 0	BSD
VisualUEFI	BSD
vm2 3.9.19	MIT
vm-browserify 1.1.0	MIT
voidlinux-musl- fts 1	3-clause BSD license
vpnc-scripts 20210402	GPL v2
vstakhov-libucl 0.8.1	2-clause BSD license
vue 2.6.14	MIT
vue-apexcharts 1.5.1	MIT
vue-date- pick 1.1.0	MIT
vue- jest 1.0.2	MIT
vue-loader 15.9.6	MIT
vue-router 3.6.5	MIT
vue-style-loader 4.1.3	MIT
vue-template-compiler 2.6.12	MIT
vuex 3.4.0	MIT
Vulkan-LoaderAndValidationLayers 1.1.73	Apache 2.0 license
vulkan-validation-layers N/A	Apache License
Wayland 1.21.0	MIT
wayland-protocols 1.26	MIT
wayland-utils 1.0.0	MIT
wcwidth 1.0.1	3-clause BSD license
wds 1.0.0	LGPLv2.1
web-animations-js web- animations/web- animations-js 2.2.2	Apache License, Version 2.0
webapp2 2.5.1	Apache License, Version 2.0
Webcomponents 0.7.24	3-clause BSD license
Webcomponentsjs 0.7.24	Zero-Clause BSD
webcomponents-lite 0.7.24	Zero-Clause BSD

Table 1. Third Party component names and license types (continued)

Component name	License type
webdriver 5fd78261a75fe08d27ca4835fb6c5ce4b42275b d	Apache License, Version 2.0
webgl 1.0	MIT
webgl-conformance-test-runner 0.1.0	MIT
webidl2 8.1.0	MIT
Webkit 2.38.5	3-clause BSD license
webkit2gtk 2.22.7	BSD
webkitgtk 2.36.8	3-clause BSD license
webpack 5.69.1	MIT
webpack.config.min.js c7f91092d1b7333ed6ff8d54b	MIT
webpack-bundle-analyzer 4.4.0	MIT
webpack- cli 4.9.2	MIT
webpack-dev-server 2.11.5	ISC
webpack-merge 5.8.0	MIT
webpack-node-externals 1.7.2	MIT
web-platform-tests-wpt merge_pr_26312	3-clause BSD license
webrtc m110	3-clause BSD license
webrtc-testing-tools 1.0.0	MIT
websocket-client 0.41.0	LGPL v3
websocket-stream 5.5.0	2-clause BSD license
webui-node-modules 1.0.0	ICU
Weston 9.0.0	MIT
Wget 1.20.3	GPLv3
Wheel 0.37.0	MIT
which 1.3.1	ISC
which-module 2.0.0	MIT
wide-align 1.1.3	ISC
widest-line 1.0.0	MIT
Wikipedia 1.0.5	MIT
Window system 6.0.1	MIT
winston 3.2.1	MIT
winston-daily-rotate-file 3.9.0	MIT
wireless-regdb 2018.05.31	ISC
woff2 1.0.2	MIT
wordwrap 1.0.0	MIT
wordwrapjs 1.2.1	MIT
worker- farm 1.5.4	MIT
wpa_supplicant 2.10	3-clause BSD license

Table 1. Third Party component names and license types (continued)

Component name	License type
wpebackend-fdo 1.14.2	2-clause BSD license
wrap- ansi 2.1.0	MIT
wrappy 1.0.2	ISC
write 0.2.1	MIT
write-file-atomic 2.4.3	ISC
ws 1.1.5	MIT
x264 0.160	GNU GENERAL PUBLIC LICENSE Version 2
xcb-util-keysyms 0.4.0	MIT
xdg-basedir 3.0.0	MIT
xdg-utils 1.0.2	MIT
xf86-input-libinput 0.28.0	MIT
xinetd-org-xinetd 2.3.15	xinetd License
Xkbcommon 1.0.3	MIT
xkbcomp 1.4.3	MIT
xkeyboard-config 2.28	MIT
xml2js 0.4.23	MIT
xml2js-xpath 0.10.0	ISC
xmlbuilder 9.0.7	MIT
Xorg 9.0.3	MIT
xorgproto 2018.4	MIT
xorg-server 1.20.10	MIT
xserver-xorg-xwayland 1.20.3	MIT
xsettings-daemon 0.0.2	MIT
xss 1.0.14	MIT
xtend 4.0.2	MIT
Xz 5.2.4	GPLv2
y18n 3.2.2	ISC
yallist 3.1.1	ISC
yargs 8.0.2	MIT
yargs-parser 7.0.0	MIT
yasm 1.3.0	GPLv2
yocto-kernel-tools 0.3	GPL-2.0 & MIT
zlib 1.2.13	Zlib License
zloirock-core-js 3.9.1	MIT

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Python License

A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Table 2. Python Releases Table

Release	Derived From	Year	Owner	GPL-compatible?[1]
0.9.0 through 1.2		1991-1995	CWI	yes
1.3 through 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes[2]
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002- 2003	PSF	yes
2.3.1	2.3	2002- 2003	PSF	yes
2.3.2	2.3.1	2002- 2003	PSF	yes
2.3.3	2.3.2	2002- 2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes

Table 2. Python Releases Table (continued)

Release	Derived From	Year	Owner	GPL-compatible?[1]
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

Footnotes:

1. GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.
2. According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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Zlib

/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.12, March 27th, 2022

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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.

LEGAL ISSUES Copyright, lack of warranty, terms of distribution.

REFERENCES Where to learn more about JPEG.

ARCHIVE LOCATIONS Where to find newer versions of this software.

ACKNOWLEDGMENTS Special thanks.

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TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.txt How to configure and install the IJG software.

usage.txt Usage instructions for cjpeg, djpeg, jpegtran,

rdjpgcom, and wrjpgcom.

*.1 Unix-style man pages for programs (same info as usage.txt).

wizard.txt Advanced usage instructions for JPEG wizards only.

change.log Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.txt How to use the JPEG library in your own programs.

example.c Sample code for calling the JPEG library.

structure.txt Overview of the JPEG library's internal structure.

filelist.txt Road map of IJG files.

coderules.txt Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

========

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES

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We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at http://www.ijg.org/files/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology. If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83. IJG JPEG 8 introduces an implementation of the JPEG SmartScale extension which is specified in two documents: A contributed document at ITU and ISO with title "ITU-T JPEG-Plus Proposal for Extending ITU-T T.81 for Advanced Image Coding", April 2006, Geneva, Switzerland. The latest version of this document is Revision 3. And a contributed document ISO/IEC JTC1/SC29/WG1 N 5799 with title "Evolution of JPEG", June/July 2011, Berlin, Germany.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from http://www.ecma-international.org/publications/techreports/E-TR-098.htm. A PostScript version of the JFIF document is available at http://www.ijg.org/files/jfif.ps.gz. There is also a plain text version at http://www.ijg.org/files/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from http://www.ijg.org/files/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS

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The "official" archive site for this software is www.ijg.org. The most recent released version can always be found there in directory "files". This particular version will be archived as http://www.ijg.org/files/jpegsrc.v8d.tar.gz, and in Windows-compatible "zip" archive format as http://www.ijg.org/files/jpegsr8d.zip.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

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Last but not least special thank to Thomas G. Lane for the original design and development of this singular software package.

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The ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies. IJG therefore does not and will not support such momentary mistakes

(see REFERENCES).

There exist also distributions under the name "OpenJPEG" promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files. Don't use an incompatible file format! (In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

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There are currently distributions in circulation containing the name "libjpeg" which claim to be a "derivative" or "fork" of the original libjpeg, but don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions. Furthermore, they violate the license conditions as described under LEGAL ISSUES above. We have no sympathy for the release of misleading and illegal distributions derived from obsolete code bases.

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TO DO

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Version 8 is the first release of a new generation JPEG standard to overcome the limitations of the original JPEG specification. More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

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Beerware

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What rights do Contributors grant Recipients under EPL 1.0?

Does the EPL 1.0 allow me to take the Source Code for a Program licensed under it and include all or part of it in another program licensed under the GPL, BSD license or other Open Source license?

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When I incorporate a portion of a Program licensed under the EPL 1.0 into my own proprietary product distributed in object code form, can I use a single license for the full product, in other words, covering the portion of the Program plus my own code?

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Does the EPL offer any warranty with regard to the Program?

This document does not have the answer to my question. How can I get my question answered?

Some open source software communities specify what they mean by a "derivative work". Does the Eclipse Foundation have a position on this?

Some free software communities say that linking to their code automatically means that your program is a derivative work. Is this the position of the Eclipse Foundation?

I'm a programmer not a lawyer, can you give me a clear cut example of when something is or is not a derivative work?

I am starting my own open source software project. Does the Eclipse Foundation allow me to use the EPL for my project?

Many Eclipse tools and wizards use code templates which are included in the application that is generated. Is the code generated by these tools considered a derivative work that must be licensed under the EPL?

What licenses are acceptable for third-party code redistributed by Eclipse projects?

Is an OSI-compliant license a requirement for all third-party code redistributed by Eclipse projects?

Are the Eclipse Public License (EPL) 1.0 and the General Public License (GPL) compatible?

For dual-licensed projects, which license terms apply?

Frequently Asked Questions

What is the relationship between IBM's Common Public License (CPL) and the Eclipse Public License 1.0 (EPL)?

The Eclipse SDK codebase was originally distributed under the CPL. The EPL 1.0 was derived from CPL version 1.0. As a result, much of the information provided in the Common Public License (CPL) Frequently Asked Questions document is relevant to the EPL, as well. The purpose of this FAQ is to highlight the differences.

Why was the EPL 1.0 written?

The EPL 1.0 was written specifically for the Eclipse Foundation. First, it changes the Agreement Steward, formerly IBM for the CPL, to now be the Eclipse Foundation for the EPL. Second, it addresses concerns some Eclipse Foundation members had with how the CPL deals with possible patent litigation.

Specifically how does the EPL 1.0 differ from the CPL?

Section 7 of the CPL contained the following language:

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The first sentence was removed in the EPL 1.0. Many members and prospective members believed that the first sentence was overly broad and viewed it as an inhibitor to the continued growth of the Eclipse eco-system. The second sentence remains unchanged in the EPL 1.0.

The current Eclipse Foundation Intellectual Property Policy further clarifies the general principles under which the Eclipse Foundation shall accept contributions, license contributions, license materials owned by the Eclipse Foundation, and manage other intellectual property matters.

What is the latest version of the EPL?

Version 2.0 is the latest version of the EPL. Please see the Eclipse Public License 2.0 FAQ.

Do all Eclipse Foundation members approve of the EPL?

Yes, the Eclipse Foundation membership approved the EPL 1.0 unanimously. Future members must agree to abide by the EPL and the Intellectual Property Policy as part of joining the Eclipse Foundation and signing the Eclipse Foundation Membership Agreement.

How and when will the Eclipse Foundation transition from the CPL to the EPL 1.0?

For details, see the CPL to EPL Transition Plan (.pdf) and the CPL to EPL Transition Plan FAQ.

Is the EPL approved by the Open Source Initiative (OSI)?

Yes, the EPL has been approved. Version 1.0 was approved in May 2004. See the complete list of OSI-approved licenses.

What is required for OSI license approval?

A license qualifies for OSI approval if it conforms to the OSI's "Open Source Definition" or "OSD." The OSD covers nine topics of concern. Chief among these is the requirement that a license not restrict any party from selling or giving away the software. Further, the Program must include source code, must allow distribution in source code as well as compiled form, and must allow modifications and derived works. Find more information on the OSD at opensource.org.

What are the business advantages of the Open Source model?

An Open Source community provides a way for individuals and companies to collaborate on projects that would be difficult to achieve on their own..

What are the technical advantages of the Open Source model?

The Open Source model has the technical advantage of turning users into potential co-developers. With source code readily available, users will help you debug quickly and promote rapid code enhancements. "Given a bit of encouragement, your users will diagnose problems, suggest fixes, and help improve the code far more quickly than you could unaided." (The Cathedral and the Bazaar, Eric Steven Raymond. See http://tuxedo.org/~esr/writings/cathedral-bazaar/)

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Do I need to include the source code for such Program with the object code distribution?

No. But you do need to include a statement that the source code is available from you and information on how to obtain it.

When I incorporate a portion of a Program licensed under the EPL into my own proprietary product distributed in object code form, can I use a single license for the full product, in other words, covering the portion of the Program plus my own code?

Yes. The object code for the product may be distributed under a single license as long as it references the EPL portion and complies, for that portion, with the terms of the EPL.

The EPL states that it can be changed by the Agreement Steward. Does a Contributor have the choice of redistributing a previously distributed Program under the old or the new version of the EPL?

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This document does not have the answer to my question. How can I get my question answered?

You may want to check the Eclipse Foundation Legal Frequently Asked Questions document to see if your question is answered there. If not, please send a note to the Eclipse Management Office and we will do our best to get back to you.

Some open source software communities specify what they mean by a "derivative work". Does the Eclipse Foundation have a position on this?

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Some free software communities say that linking to their code automatically means that your program is a derivative work. Is this the position of the Eclipse Foundation?

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I'm a programmer not a lawyer, can you give me a clear cut example of when something is or is not a derivative work?

If you have made a copy of existing Eclipse code and made a few minor revisions to it, that is a derivative work. If you"ve written your own Eclipse Platform Plug-in with 100% your own code to implement functionality not currently in Eclipse, then it is not a derivative work. Scenarios between those two extremes will require you to seek the advice of your own legal counsel in deciding whether your program constitutes a derivative work.

For clarity, merely interfacing or interoperating with Eclipse Platform Plug-in APIs (without modification) does not make an Eclipse Platform Plug-in a derivative work.

I am starting my own open source software project. Does the Eclipse Foundation allow me to use the EPL for my project?

Yes. The EPL is an OSI-approved open source license and may be used unaltered by projects regardless of where they are hosted.

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